

AMENDMENTS TO THE CLAIMS

1-14. (Canceled)

15. **(Withdrawn – Currently Amended)** A method for protection of high temperature fuel cells, wherein the fuel cells that are subject to load variations more than five percent over a period of one hour, comprising:

- a) at least one first high temperature fuel cell installation that uses fuel other than only hydrogen;
- b) a second fuel cell installation comprising at least one buffer having a capacity for storage of surplus energy of the fuel cell, arranged/adapted to function as a regulating system between the at least one first high temperature fuel cell and a an energy consumption unit regarding the load variations according to the capacity of the at least one buffer;
- c) a device for dumping energy which is required to be led out of the system when the buffer is full or according to need;
- d) an energy generator/convertor for transforming energy stored in the buffer to a required form of energy, or at greater energy need than the fuel cell can meet, or for transforming fuel cell energy which is not used by the energy consumption unit and is to be stored in another form, or for transforming of energy stored in the buffer for dumping in another form;

the method comprising the following steps:

- storing energy which is produced by said high temperature fuel cells, and which is not used by the system, in said buffer;
- using energy stored in said buffer at the need for more energy in said system than the high temperature fuel cell can deliver momentarily; and
- dumping energy which can not be stored in said buffer, or which is required to be removed momentarily, by said dumping device;

wherein the mobile system at least one first high temperature fuel cell installation cells functionfunctions as a producer of electric energy while being subject to the load variations of more than five percent over a period of one hour.

16. (Withdrawn - Currently Amended) A method for protection of high temperature fuel cells, wherein the fuel cells that are subject to load variations of more than five percent over a period of one hour with respect to load variations, comprising:

- a) at least one first high temperature fuel cell installation that uses fuel other than only hydrogen;
- b) a second fuel cell installation comprising at least one buffer having a capacity for storage of surplus energy of the fuel cell, arranged/adapted to function as a regulating system between the at least one first high temperature fuel cell and an energy consumption unit regarding the load variations according to the capacity of the at least one buffer;
- c) a device for dumping energy which is required to be led out of the system when the buffer is full or according to need;
- d) an energy generator/convertor for transforming energy stored in the buffer to a required form of energy, or at greater energy need than the fuel cell can meet, or for transforming fuel cell energy which is not used by the energy consumption unit and is to be stored in another form, or for transforming of energy stored in the buffer for dumping in another form;

the method comprising the following steps:

- storing energy which is produced by said high temperature fuel cells, and which is not used by the system, in said buffer;
- using energy stored in said buffer at the need for more energy in said system than the fuel cell can deliver momentarily;
- dumping energy which can not be stored in said buffer, or which is required to be removed momentarily, by said dumping device; and
- converting energy which is required in another form by a converter;

wherein the mobile system at least one first high temperature fuel cells functioncell installation functions as a producer of electric energy while being subject to load variations of more than five percent over a period of one hour.

17. **(Withdrawn – Currently Amended)** A method for protection of high temperature fuel cells, wherein the fuel cells that are subject to load variations of more than five percent over a period of one hour with respect to load variations, comprising:

- a) at least one first high temperature fuel cell installation that uses fuel other than only hydrogen;
- b) a second fuel cell installation comprising at least one buffer having a capacity for storage of surplus energy of the fuel cell, arranged/adapted to function as a regulating system between the at least one first high temperature fuel cell and an energy consumption unit regarding the load variations according to the capacity of the at least one buffer;
- c) a device for dumping energy which is required to be led out of the system when the buffer is full or according to need;
- d) an energy generator/convertor for transforming energy stored in the buffer to a required form of energy, or at greater energy need than the fuel cell can meet, or for transforming fuel cell energy which is not used by the energy consumption unit and is to be stored in another form, or for transforming of energy stored in the buffer for dumping in another form;

the method comprising the following steps:

- storing energy which is produced by said high temperature fuel cells, and which is not used by the system, in said buffer;
- using energy stored in said buffer at the need for more energy in said system than the high temperature fuel cell can deliver momentarily;
- dumping energy which can not be stored in said buffer, or which is required to be removed momentarily, by said dumping device; and
- transporting energy which is required to be transported to another part of the system by a subsystem;

wherein the ~~mobile~~~~at least one first high temperature system~~ fuel cells function~~cell~~
installation functions as a producer of electric energy while being subject to load variations of more than five percent over a period of one hour.

18. (Currently Amended) A system for protection of high temperature fuel cells in mobile systems wherein said fuel cells are subject to load variations of more than five percent over a period of one hour, comprising:

at least one first high temperature fuel cell installation that uses fuel other than only hydrogen for generating energy;

a second fuel cell installation comprising at least one buffer having a capacity for storage of surplus energy of the fuel cell, adapted to function as a regulating system between the at least one high temperature fuel cell and a energy consumption unit regarding the load variations according to the capacity of the at least one buffer; and

a device for dumping energy which is required to be led out of the system when the buffer is full or according to need;

an energy generator/converter for transforming energy stored in the buffer to a required form of energy, at greater energy need than the fuel cell can meet, or for transforming of fuel cell generated energy which is not used by the energy consumption unit and to be stored in another form, or for transforming of energy stored in the buffer for dumping in another form;

wherein the at least one buffer, energy generator/converter and device for dumping energy accommodate load variations applied to the at least one first high temperature fuel cell installation so that the at least one first high temperature fuel cell is adapted to function as a producer of electric energy while being subject to said load variations of more than five percent over a period of one hour.

19. (Canceled)

20. (Currently Amended) The system in accordance with claim 18, further comprising a subsystem for transporting energy ~~which is required to be transported to another part of the system.~~

21. (Previously Presented) The system in accordance with claim 18, wherein the buffer is a pressure boiler with fluid.

22. (Currently Amended) The system in accordance with claim 18, wherein the device for dumping is a steam exhaust.

23. (Previously Presented) The system in accordance with claim 18, wherein the device for dumping is a heating element for heat exchange.

24. (Previously Presented) The system in accordance with claim 18, further comprising a water-steam circuit for storage and conversion of energy.

25. (Previously Presented) The system in accordance with claim 18, further comprising a subsystem with a boiler for heat recovery and additional heating.

26. (Previously Presented) The system in accordance with claim 18, further comprising a subsystem with a steam-condensate circuit with a steam turbine.